

(8F-1688)

Activities of the Siberian Branch of the USSR Academy
of Sciences, by A. K. Chernenko, 5 pp.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR,
No 12, 1960, pp 135-137.

JPRS 4547

Sci - Misc.

May 61

152,659

DD 12/51

(DC-5909).

Discussion of Ecological Problems in the Biological
Institute of the Siberian Department, AS USSR, by
G. M. Zrivoshechekov,

RUSSIAN, per, Iz Sibirskogo Otdel AN SSSR, XXI No 12,
1960, p 137.

*JFRS

Sci - Eic

27 Apr 61

Wear Resistance of Iron and Steel Improved by
Electrolytic Sulfurizing, by S. S. Chernyak,
et al.

RUSSIAN, per, Iz Sibirakogo Otdel Ak Nauk BSSR,
No 1, 1961, pp 25-30.

HB 5153

Sci

Aug 61

163,183

Stashkova, N. V. and Zelyanskaya, A. I.
ON THE REDUCTION MECHANISM OF TETRAVA-
LENT GERMANIUM AT THE MERCURY DROP
ELECTRODE. [1962] 9p. 10 refs.
Order from OTS or SLA \$1.60 62-18620

Trans. of A[kademiya] Nauk SSSR, Sibir[skoe]
Odel[enie], [Izvestiya] 1961, no. 1, p. 72-81.

DESCRIPTORS: *Germanium, Reduction, Electrodes,
Mercury, Electrochemistry.

By the method of polarographic coulometry it is
established that the reduction of tetravalent germanium
at the mercury drop electrode takes place with the par-
ticipation of four electrons. Anode-cathode waves of
germanium were obtained with the amalgam drop elec-
trode and the dependence of the reduced exchange cur-
rent and reversible half-wave potential on germanium
concentration and hydrogen ion concentration in the solu-
(Chemistry--Physical, T, v. 9, no. 8) (over)

62-18620

I. Stashkova, N. V.
II. Zelyanskaya, A. I.

Office of Technical Services

bd-35/61

(SF-1913)

Symposium on Certain Problems of Mathematics
and Mechanics, by A. K. Chermenko,

RUSSIAN, par, Iz Sibirskogo Otdel Ak Nauk USSR,
No 1, 1961, pp 123-124.

*JPRS 4929

Sci - Math

11 Jul 61

(SF-1913/a)

Conference on Problems of Geobotanical Cartography,
by Ye. I. Lepshina, 6 pp.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR, No 1,
1961, pp 124-126.

JPRS 4929

Sci - Biology

168,956

Sep 61

Batsanov, S. S., Mazalov, L. N., and Chirkov, V. I.
CALCULATION OF THE REFRACTION OF IONS OF
"NON-NUCLE" CASES (Raschet Refraktsi "Neblogo-
rodnogazovyykh" Ionov). [1962] [20]p. (foreign text in-
cluded) 23 refs.

Order from OTS or SLA \$1.60

62-14575

Trans. of Akademiya Nauk SSSR. Sibirskoe Otdelenie.
Izvestiya, 1961, no. 2, p. 121-125.

DESCRIPTORS: *Gases, *Ions, *Refraction, *Electrons,
Polarization, *Perturbation theory, Special functions

The assumption was expressed that the screening con-
stants for the 3d- and 4d-electron shells calculated by
the Slater rules are overestimated by the value of the
outer screening. Using this assumption, the ionic re-
fractions of all elements of the "b" subgroups calculated
by a method of the perturbation theory were in good
agreement with the experiment. For the first time:
(Physics, TT, v. 8, no. 6) (over)

62-14575

I. Batsanov, S. S.
II. Mazalov, L. N.
III. Chirkov, V. I.

Office of Technical Services

Separation of Boric Acid From XX Mixtures
Containing Magnesium Sulphate by the Ion
Displacement Method, by A. N. Popov,
Yu. S. Kononov.

RUSSIAN, per, Iz Siber Otdel Ak Nauk
Sibir, No 3, 1961, pp 61-67.

NIL/RTS 1967

Sci - Chem

Apr 62

193,822

(SF-1878)

A Symposium on the Problem of the Siberian
Silkworm, by N. G. Koloniyets, A. B.
Gukasyan, 4 pp.

RUSSIAN, per, Iz Sibirskogo Otdel
Ar. Nauk SSSR, No 3, 1961, pp 113-114.

JPRS 13033

Sci - Misc
Mar 62

189.483

(SF-107)

MEETING OF N. S. KHRUSHCHEV WITH SCIENTISTS OF
THE SIBERIAN DEPARTMENT OF THE ACADEMY OF SCIENCES
OF THE USSR, 4 PP.

RUSSIAN, PER, IZ SIBIR OTDEL AK NAUK SSSR,
NO 5, 1961,

JPRS 13105

SCI - MISC
MAR 62

100,707

Domain Structure of Thin Ferromagnetic Films,
by L. V. Kirenskiy, V. A. Buravilkin, S. V. Kan.

RUSSIAN, per, Iz Sibir Otdel Ak Nauk SSSR,
No 5, 1961, pp 3-9. 968210

NASA TT F-8111

Sci

OTS 62 10072

6 Mar 62

185, 912

US GOV'T ONLY

Timberline Dynamics in the Southern Sikhote
Alin Mountains, by M. V. Ponomarenko, 11 pp.
RUSSIAN, per, Izvestiya Sibirskogo Otdeleniya
Akademi Nauk SSSR, No 5, 1961, pp 100-109.
CFSTI TT 67-51312

Sci/Agri
Jul 68

361,143

On the Distribution of Ions in the Plasma of an Arc
Discharge, by M. N. Turko, 14 pp.

RUSSIAN, per, Iz Sibirskogo Otklaniya Ak
Nauk SSSR, No 6, 1961, pp 14-22. 9667360

FTD-TT-62-1225

Sci - Phys
Jan 63

219,964

The Moduli of Elasticity of Pyrite, by
K. S. Aleksandrov. 8 pp.
RUSSIAN, per, Izv. Sibirsk. Otd. Akad. Nauk SSSR,
No 6, 1961, pp 43-47.
NASA TT-F-13406

July 71

(DC-6615)

Producing Virulent Bacteria to Control the
Water Vole (*Arvicola Terrestria* L.), by
V. I. Poltev, I. N. Gritsenko, 18 pp.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR,
No 6, 1961, pp 99-105.

JPRS 13204

Sci - Med
Apr 62

190,613

(SF-1070)

SCIENTIFIC REPORT ON THE DEVELOPMENT OF TRANSPORTATION IN IRKUTSKAYA OBLAST, BY A. ~~X00~~
VOROBYEV, 3 PP.

RUSSIAN, PER, IZ SIBIR OTDEL AK NAUK SSSR,
NO 6, 1961, PP 131, 132

JPRS 13608

USSR
ECON
MAY 62

192,947

65-1078
Siberian Academy of Sciences on Problems in the
Communist Education of the Laborer.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR,
No 7, 1961, pp 126-129.

JPRS 12531

USSR
Sec
Feb 62

185-1078

(CSO: 1878-N)

Chemists of the Far Eastern Branch of the Siberian
Department of the Academy of Sciences USSR - to
Agriculture, by Ye. P. Ozhigov, 5 pp.

RUSSIAN, per, Izvestiya Sibirskogo Otdeleniya
Akademi Nauk SSSR, No 8, 1961, pp 137-139.

JPRS: 15,204

Sci - Biology
Sep 62

210,986

~~EXXRMXX~~ DETERMINATION OF TRANSITION PROCESSES IN
CONTINUOUS- ACTION HEAT EXCHANGERS, BY B. N. DEVYATOV,
R YU. N. KORNEV, LO PP.

RUSSIAN, PER, 17 SIBIRSKOGO OTDEL AK NAUK SSSR,
NO 9, 1961, PP 21-27. 9678210

FTD-TT-62-691

SCI - ENGR

11 OCT 62

212,357

(DC-6467)

First Scientific Conference of the Social Sci-
entific Research Institute at Gorno-Altaysk, by
V. S. Belousova, 5 pp.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk ESSR,
No 9, 1961, pp 128-130.

JPRS 11033

Sol - Misc
Jan 62

181, 248

THE SIBERIAN DEPARTMENT OF THE ACADEMY OF SCIENCES
USSR ON THE EVE OF THE 22ND CPSU CONGRESS, 8 PP.

RUSSIAN, PER, IZVESTIYA SIBIRSKOGO OTDELENIYA
AKADEMIY NAUK SSSR, NO 10, 1961, PP 3-9.

JPRS 20091

SCI - M SC
JUL 63

235,446

Distribution of Ammonia in the Soil and Its Effect
on Plant Growth, by I. N. Rynak, 6 pp.
RUSSIAN, per, Iz Sibir Otdel Akad Nauk SSSR, No 10,
1961, pp 137-141.
JPRS 24776

Sci-Biol
Jun 64

259,798

Plotukh, Yu. N. and Shabanov, S. I.
HEAT EXCHANGE IN THREE-COMPONENT FLOW.
Oct 62 [5]p. 17 refs.
Order from ICE in v. 2, no. 4, \$15.00/year

Trans. of Akad[emiya] Nauk SSSR. Sibirskoe
Otdel[enie] [Izvestiya] 1961, no. 11, p. 40ff.

DESCRIPTORS: *Fluidized solids, *Heat transfer, Mass
transfer, Fluid flow, Carbon, Coke, *Chemical
engineering.

(Engineering--Chemical, TT, v. 9, no. 6)

63-12330

I. Plotukh, Yu. N.
II. Shabanov, S. I.
III. International Chemical
Engineering, New York

Office of Technical Services

New Apparatus to Study the Kinematics of Moving
Objects, by V. K. Morgunov, 11 pp.

RUSSIAN, per, Iz Sibirskogo Otdel, Ak Nauk SSSR,
No 12, 1961, pp 30-36. 96183120

PTD-TT-62-1684

Sci-Engr
Jun 65

232,475

On the Dynamics of the Upper Limits of the
Forest in Mountains of the Southern Sikhote-
alin Range, by M. V. Ponomarenko,

RUSSIAN, per, Izvestiya Sibirskoe Otdel.

Akad. Nauk SSSR, Vol V, 1961, pp 100-109.

*CIST II TT 67-51312

Sci-Agr
Dec 66

S-361/62

The Addition of Ethyl Mercaptan to Certain Vinyl
Esters of Chlorophenols, by A. V. Kalabina, N. A.
Tyukavkina. (NY-7160)

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR, No 1,
1962, pp 97-101.

*JPRS

Sci - Chem

Jul 62

(SF-1878)

THE FIRST SCIENTIFIC CONFERENCE OF YOUNG
SCIENTISTS OF THE INSTITUTE OF EXPERIMENTAL
BIOLOGY AND MEDICINE SIBERIAN BRANCH OF THE
ACADEMY OF SCIENCES USSR, BY V. V. MELEKHOV,
V. YU. OSTROVSKIY, V. S. SERGIYEVSKIY, 4 PP.

RUSSIAN, PER, IZ SIBIRSKOGO OTDEL AK NAUK SSSR,
NO 1, 1962, PP 111-113.

JPRS 14715

SCI - BIOL

AUG 62

205,943

(DC-6854)

Obtaining Fused Granulated (Wres From
Korshunovka Concentrates, by L. N.
Zhdanovich, T. N. Komarova, 16 pp.

RUSSIAN, per, Iz Sibirskogo Otdel. Ak Nauk
SSSR, No 2, 1962, pp 37-42.

NNX JPRS 14166

Sci - Min/Met
Jun 62

203,334

R-196/62

Obtaining Fused Granulated Ores From Korshunovka
Concentrates, by L. N. Zhdankovich, T. N. Komarova
(DC-6864)

RUSSIAN, per, ~~Izvestiya~~ Sibirskogo Otdeleniya
Akademiya Nauk SSSR, No 2, February 1962

*JPRS

USSR

Econ, Techn. - Ferrous Metallurgy

June 62

Hydrolysis of Uranyl in Nitrate Solutions,
by N. M. Nikolayeva, V. I. Paramonova.
RUSSIAN, per, Izvestiya Sibirskogo Otdeleniya
Akad Nauk SSSR, No 3, pp 10-19, 1962
AEC ORNL-Tr-417 9229826

Sci-Chem
Nov 65

291,992

On Natural Radioactive Elements in Plants, by
A. L. Kovalevskiy, 17 pp.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk SSSR,
No 4, 1962, pp108-114.

JPRS 15274

212,714

Sci - Biol

Oct 62

MATHEMATICAL PROBLEMS OF MODERN CYBERNETICS, BY
S. L. SOBOLEV, A. A. LYAPUNOV, 14 PP.

RUSSIAN, PER, IZ SIBORSKOGO OTDEL. AK NAUK SSSR,
NO 5, 1962, PP 3-13.

JPRS 16008

SCI - MATH

NOV 62

216,638

Devyatov, B. N. and Kornev, Yu. N.
THE APPLICATION OF BURMAN-LAGRANGE SERIES
IN THE ANALYSIS OF TRANSITION PROCESSES IN
CHEMICAL ENGINEERING EQUIPMENT. Jan 63 [9]p.
11 refs.

Order from ICE in v. 3, no. 1, \$15.00/year

Trans. of Akademiya Nauk SSSR, Sibirskoe
Otdeleniye, Izvestiya 1962, no. 5, p. 148.

DESCRIPTORS: *Towers (Chemistry), Heat transfer,
Diffusion, Functions, *Chemical engineering.

(Engineering--Chemical, TT, v. 9, no. 6)

63-12677

- I. Devyatov, B. N.
- II. Kornev, Yu. N.
- III. International Chemical
Engineering, New York

Office of Technical Services

63-10736

Stromberg, A. G.
INFLUENCE OF: ELECTROLYSIS TIME, OF THE
VOLUME OF THE SOLUTION, AND OF THE
RADIUS OF THE MERCURY DROP ON THE HEIGHT
OF THE ANODIC PEAK IN AMALGAM POLAROG-
RAPHY. [1962] 8p. 12 refs.
Order from OTS or SLA \$1.10

I. Stromberg, A. G.

63-10736

Trans. of Akademiya Nauk SSSR, Sibirskoe
Otdelenie, Izvestiya, 1962, no. 5, p. 76-80.

DESCRIPTORS: *Polarographic analysis, *Electrolysis,
Volume, Solutions, *Mercury, Time, Anodes (Elec-
trolytic cell), Ions, Quantitative analysis.

The aim of the present investigation is a quantitative
interpretation of the experimental facts related to the
influence of the electrolysis time (t), the volume of the
solution (V), and the radius of the mercury drop (r) on
(Chemistry-Analytical, TT, v. 9, no. 12) (over)

Office of Technical Services

Bobikov, P. I. and Gindin, L. M.
INDUSTRIAL SEPARATION OF METALS IN COLUMNS
BY EXCHANGE EXTRACTION. Jan 63 [6]p. 7 refs.
Order from ICE in v. 3, no. 1, \$15.00/year

Trans. of A[cademiya] N[auk] SSSR. Sibirskoe Otdel-
enie. (Izvestiya, 1962, no. 6, p. 46ff.

DESCRIPTORS: *Metals, Separation, *Towers (Chemis-
try) Exchange reactions, Fatty acids, Carboxylic acids,
Soaps, Hydrochloric acid, *Nickel, *Cobalt, Sodium
compounds, Chlorides, Chemical engineering.

(Engineering--Chemical, TT, v. 9, no. 6)

63-12692

- I. Bobikov, P. I.
- II. Gindin, L. M.
- III. International Chemical
Engineering, New York

Office of Technical Services

Temperature Dependence of Magnetostriction and
Coefficient of Linear Expansion of Elinvar, by
A. Ya. Vlasov, B. A. Ayurzanayn, 7 pp.

Siber

RUSSIAN, per, Iz Akad. Otdel Ak Nauk SSSR,
No 6, 1962, pp 99-102. 9680345

FTD-TT-63-7

Sci.-Phys
Apr 63

227,024

Bandman, O. L.
CONDITIONS FOR THE PHYSICAL PRACTICABILITY
OF ADMITTANCE MATRICES OF RC NETWORKS
(Priznaki Fizicheskoi Osushchestvlosti Matrits
Provodimosti Yan-Tsepei). [1963] [34p] (foreign text
included) 7 refs
Order from OTS or SLA \$3.60 63-18702

Trans. of Akademiya Nauk SSSR, Sibirskoe Otdelenie,
Izvestiya, 1962, no. 8, p. 27-39

DESCRIPTORS: *Electrical networks, Synthesis,
*Matrix algebra, *Transformations (Mathematics),
*Admittance, Circuits, Electrical impedance.

Topics include: coordinate transformation matrix;
coupling (cut-set) matrices; necessary conditions for
the physical realizability of admittance matrices;
sufficient conditions for the physical practicability of
admittance matrices; conditions of physical realiz-
(Engineering--Electrical, TT, v. 10, no. 11) (over)

63-18702

I. Bandman, O. L.

Office of Technical Services

EXPERIMENTAL PHYSIOLOGICAL AND HISTOCHEMICAL
STUDY OF THE ADAPTATION OF INTESTINAL TRANS-
PLANTS INCORPORATED IN THE URINARY SYSTEM,
BY S. Z. FRADKIN, 20 PP.

RUSSIAN, PER, IZVESTIYA SIBIRSKOGO OTDELENIYA
~~AKADEMII~~ AKADEMII NAUK SSSR, NO 8, 1962, PP 103-109.

JPRS 17349

SCI - MED

JAN 63

221,005

The Charge on Atoms in Ferrocenes and its
Analog, by S. S. Batsanov. 7 pp.
RUSSIAN, per, Izvestiya AN SSSR, Sibirskoye
Oddeleniye, No 8, 1962, pp 110-113.
AIR/FID/HQ-23-248-68

Sci/Physics
Feb 69

375,499

Borabchevskii, Yu. T.
VELOCITY PULSATIONS IN TWO-PHASE STREAMS.
Apr 63, 5p, 6 refs.
Order from ICE in v. 3, no. 2, \$15.00/year

Trans. of Akademiya Nauk SSSR, Sibirskoe
Otdeleniye, 1962, no. 9, p. 1321.

DESCRIPTORS: Chemical engineering, Velocity, *Fluid
flow, *Phase studies, Mass transfer, Turbulence,
Diffusion.

(Mechanics--Hydrodynamics, TT, v. 10, no. 3)

63-17515

- I. Title: Velocity pulsations
- I. Borabchevskii, Yu. T.
- II. International Chemical
Engineering, New York

Office of Technical Services

POWERFUL AC ELECTRIC POWER TRANSMISSION LINES
FRO DISTANCES OF 1,500-3,000 KM, BY
V. K. SHCHERBAKOV, 14 PP.

RUSSIAN, PER, IZ SIBIRSKOGO OTDELENIYA AK
NAUK SSSR, NO 10, 1962, PP 51-59.

JPRS 17873

SCI - ELECTRICITY

MAR 63

224,137

RADIATION AS ONE OF THE POSSIBLE CAUSES OF
CARCINOGENESIS, BY YU. YA. KERKIS, 23 PP.

RUSSIAN, PER, IZ SIBIR OTDEL AK NAUK SSSR,
NO 10, 1962, PP 125-138.

JPRS 19131

SCI-BIOL & MED SCI
MAY 63

229,929

Popova, N. I. and Mil'man, F. A.
KINETICS OF THE OXIDATION OF ISOBUTYLENE
OVER COPPER CATALYSTS. [1963] [13]p. 11 refs.
Order from CTS(Chem) \$4.00 CTS(Chem)-337
subsequent copies \$0.75/ea.

Trans. of Akademiya Nauk SSSR Sibirsk[oe]
Otdeleniye [Zhurnal] 1962, no. 11, p. 59-65.

DESCRIPTORS: *Butenes, Oxidation, Reaction kinetics.
*Copper catalysts, Methyl radicals, *Acroleins,
Synthesis (Chemistry), Carbon dioxide.

(Chemistry--Physical, TT, v. 10, no. 8)

63-17991

1. Title: Methacrolein
2. Title: 2-Methyl propene
- I. Popova, N. I.
- II. Mil'man, F. A.
- III. CTS(Chem)-337
- IV. Chemical Translating
Service, Palo Alto,
Calif.

Office of Technical Services

Relationship Between Chemical Composition and
Physiological Effect of Bile Agents by
A. S. Saratkov.

RUSSIAN, per, Iz Ak Nauk SSSR Sibirskoe
Otdelenie, No 11, 1962, pp 95-108.

OTS TT-64-18979

Sept 66

309,768

ANATOLIY VASIL'YEVICH NIKOLAYEV (60TH BIRTHDAY),
6 PP.

RUSSIAN, PER, IZVEST SIBIRSKOGO OTDEL AKAD
NAUK SSSR, NO 11, 1962, PP 157-159.

JPRS 20435

USSR
BIOG
AUG 63

237,706

EFFECT OF ENVIRONMENTAL CONDITIONS ON THE
HERITABILITY OF CHARACTERISTICS, BY G. A. STAKAN,
A. A. SOSKIN, 7 PP.

RUSSIAN, PER, IZ SIBIR' OTDEL AK NAUK SSSR, NO 12,
1962, PP 145-148.

JPRS 19211

SCI - BIOL/MED SCI

MAY 63

231,140

On the Mechanism of the Process of Magnetically
Treating Water, by A. N. Kirgintsev, V. M. Sokolov,
11 pp.

RUSSIAN, per, Iz Sibir. Otd. Ak. Nauk SSSR, No 1, 1963,
pp 25-31, 9589305

FTD-FT-63-964

Sci .. Physics
Dec 63

2.43, 540

IMPROVING THE USE OF LABOR RESOURCES OF THE
KRASNOYARSKIY KRAY, BY D. M. ZAKHARINA, 10 PP.

RUSSIAN, PER, IZ SIBIRSKOGO OTDEL AKADEMII NAUK
SSSR, NO 1, 1963, PP 47-54.

JPRS 19790

USSR
ECON
JUN 63

234,863

2

4

Archeological Exploration in Mongolia in 1961-
1962, by A. P. Okladnikov, V. Ye. Larichev,
16 pp.
RUSSIAN, per, Izvest Sibirskogo Otdel Nauk
SSSR, No 1, 1963, pp 78-89.
JPRS 24291

Sci - ES & Astron
May 64

257, 053

Power Transmission Over Distances of 1500 to
3000 KM.

RUSSIAN, per, Akademiya Nauk SSSR, Sibirskoe
Otdelenie, No 16, 1963.

CFSTI TT 68-50379

Sci/Mech, Ind, Civ & Mar Engr
Nov 68

370,271

INVESTITSIA BIZNESNO OTDELNIYA AKADEMII NAUK
BISK. NOVOSIBIRSK. SERIYA KHIMICHESKIKH NAUK
1969 VII NS P30-27 021 <SIR>

ORDER FROM NTC

Nitrates of the Ce-group of Rare Earth Metals
Communication: Optical Properties of 6- and
4-Hydrate Nitrates, by K. E. Mironov and
A. P. Popov, et al,
RUSSIAN, per, Izvestiya Sibirsk Otd. Akad.
Nauk SSSR, No 2, 1964, pp 48-57. P91109766
AUC ANI-tr-338

Sci-Chem
Nov 66

313,704

Processing Information in Automata for Sorting
Radio Components, by F. B. Grinevich and
T. N. Mantush. S-1926

RUSSIAN, per, Novosibirsk, Izvestiya
Sibirskogo Otdeleniya Akademii Nauk SSSR,
No, 10, 1964, pp 3-8.

*JPRS

SF-3767

USSR
Sci/Misc-Cyber
Jun 65

SF-3767

Synthesis of Optimum High Speeds Based on
the Achievement of a Switching Line, by

T. N. Mantush. S-1926

RUSSIAN, per, Izvestiya Sibirskogo Otdeleniya
Akademii Nauk SSSR, No 10, 1964, pp 18-26.

*JPRS

USSR

Sci/Misc-Cyber

Jun 65

SF-3767

On the Determining the Optimum High Speed
of a Regulator, by A. S. Anisimov and
A. I. Vasil'yev.

S-1926

RUSSIAN, per, Izvestiya Sibirskogo Otdeleniya
Akademii Nauk SSSR, No 10, 1964, pp 34-38.

*JPRS

USSR

Sci/Misc-Cyber

Jun 65

SF-3767

A Catalytic Process as an Object of a
Self Adjusting System, by A. S. Anisimov
and A. I. Vasil'yev.

S-1926

RUSSIAN, per, Izvestiya Sibirskogo Otdeleniya
Akademii Nauk SSSR, No 10, 1964, pp 45-50.

*JPRS

USSR
Sci/Misc-Cyber
Jun 65

SF-3767

On the Possibility of Decreasing the Number
of Logical Elements by the Combination of
Whole Systems of Algebraic Logic Elements,
by B. G. Matiyenko. S-1926

RUSSIAN, per, Izvestiya Sibirskogo Otdeleniya
Akademii Nauk SSSR, No 10, 1964, pp 81-90.

*JPRS

USSR
Sci/Misc-Cyber
Jun 65

SF-3767

The Problem of Vyshnegradskiy in the Theory
of Direct Regulation Taking into Account
the Effect of Delay and the Influence of
the Derivative, by P. V. Sergeyev. S-1926
RUSSIAN, per, Izvestiya Sibirskogo Otdeleniya
Akademii Nauk SSSR, No 10, 1964, pp 103-109.

*JPRS

USSR
Sci/Misc-Cyber
Jun 65

On an Estimate of the Chromatic Class of a p-graph,
by V. G. Vizing
RUSSIAN, per, Diskretnyy Analiz: Sbornik Trudov,
Akad Nauk SSSR, Sib Otd, Inst Matematiki, No 3, 1964,
pp 25-30.
*NRL

Oct 72

Limitation of Overvoltages in Tuned Electrical
Transmission Lines with Single-Phase Short-
Circuits, by O. V. Olshevskii
RUSSIAN, per, Akademiya Nauk SSSR. Sibirskoe
Otdelenie. Izvestiya. Seriya Tekhnicheskikh
Nauk, No 6, 1964, pp 9-15
NTC 71-15140-09C

mar 72

The Nature of the Secondary Emission Occuring on
the Bombardment With Alkali-Metal Ions of Films
of Alkali Elements on Metals, by U. A. Arifov,
A. Kh. Ayukhanov, 10 pp.

RUSSIAN, per, Iz Ak Nauk Uzbekskoy SSR, Ser
Fiz-Matemat, No 6, 1961, pp 34-39. 9678079

FTD-TT-62-921

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